

## **REMARKS**

Claims 2, 13, and 21 have been cancelled. Claims 1, 12, and 22 have been amended to clarify the subject matter regarded as the invention. Claims 1, 3-12, 14-20, and 22 remain pending.

The Examiner has rejected claims 1, 3, 4, 12, and 14 under 35 U.S.C. §102. Claims 5-11, 15-20, and 22 were also rejected under 35 U.S.C. §103.

The rejection is respectfully traversed. As amended, claim 1 recites "...a sequence of digital filters configured to process sound similar to a cochlea, wherein each filter is configured to process a selected frequency that is progressively higher than a successive filter and at least one filter is configured to process more than one frequency and each filter includes coefficients for processing, and the coefficients are used to process more than one frequency, wherein the sequence of digital filters processes sound over 10 octaves and each octave is processed by a filter group having 60 filters." None of the references teach or suggest the claimed invention. Thus, Applicants submit claim 1 is allowable.

Claims 3-11 depend from claim 1 and are believed to be allowable for the same reasons described above. Claims 12 and 22 were amended similarly to claim 1 and are also believed to be allowable for similar reasons. As claims 14-20 depend from claim 12, Applicants submit that these claims are allowable for the same reasons as those stated above.

Reconsideration of the application and allowance of all claims are respectfully requested based on the preceding remarks. If at any time the Examiner believes that an interview would be helpful, please contact the undersigned.

Respectfully submitted,



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